

EXHIBIT 26

Log In Register Subscribe



HOME

REVIEWS

NEWS & OPINION

DOWNLOADS

BUSINESS

SHOP

SEARCH

Be a part of the beta.

Free Download



Home > Solutions > Encyclopedia > runtime engine

Search: **Search Encyclopedia** [Browse the index](#)Definition of: **runtime engine**

Software that certain applications depend on to run in the computer. The runtime engine must be running in the computer in order for the application to execute. It provides common routines and functions that the applications require, and it typically converts the program, which is in an interim, intermediate language, into machine language.

One might call an operating system a runtime engine because it is always required. Indeed, it "is" the essential runtime engine. However, an operating system is not classified as a runtime engine, but it would fall into the "runtime environment" category (see [runtime environment](#)).

Runtime Examples

Java programs require the Java [Virtual Machine](#) runtime engine in order to run (see [Java](#)). The same goes for Visual Basic programs, which cannot be executed natively in the computer. They need the runtime module that converts the Visual Basic code into the machine language of the computer. In a Windows PC, the actual VB runtime module is named VBRUNxxx.DLL, where xxx is the version number (300, 400, 500, etc.).

Microsoft's .NET platform uses the Common Language Runtime (CLR) engine to compile .NET [applications](#) into machine language before executing them (see [CLR](#)). Adobe's AIR runtime engine lets applications run without the browser (see [Adobe AIR](#)). See [runtime library](#), [runtime version](#) and [runtime environment](#).



RELATED TERMS:

[CLR](#)
[Java](#)
[runtime environment](#)
[runtime library](#)
[runtime version](#)
[Adobe AIR](#)

Search: **Search Encyclopedia** [Browse the index](#)

Copyright © 1981- 2010
 The Computer Language Company Inc.
 All rights reserved.

THIS COPYRIGHTED DEFINITION IS FOR PERSONAL USE ONLY.
 All other reproduction is strictly prohibited without permission from the publisher.

[what's this?](#)

[Boston Coupons](#)

1 ridiculously huge coupon a day. It's like doing Boston at 90% off!

[www.Groupon.com/Boston](#)

newsletters

Get PCMag.com's **FREE** email newsletters delivered to your inbox.

1. Make your selections:
 Daily News Alert

2. Select email format:
 HTML Plain Text

It's easy, just follow the steps.

Want more? Check out our other newsletters here.

Manage your newsletter subscriptions here.

- PCMag.com Small Business Update
- PCMagCast Update
- Productwire: First Looks Update
- Security Watch
- TechSaver
- Utility Library Update
- PCMag Announcements

3. Enter email address:



Sponsors

[Adobe® eLearning Suite 2 – A complete eLearning authoring toolbox](#)

[Nero 10 HD- All the power of HD plus more](#)

[Mozy.com keeps your files safe. Powerful online backup for only \\$4.95!](#)

[Download a FREE 60-Day Trial of Norton AntiVirus 2011 right HERE!](#)

[Buy Spyware Doctor with AntiVirus 2010 from PC Tools to safeguard your PC!](#)

[Is your PC slow? Take a FREE scan with Registry Reviver to find the cause of these problems today!](#)

[Get the PC Magazine Editors' Choice Online BackUp Solution! Free Trial!](#)

[Boost productivity with cutting edge computers from HP and AMD.](#)

[Get the business phone service that gives you more: Internet fax, online meetings, call recording and softphone.](#)

[Upgrade today with new laptops and desktops from HP and Intel.](#)

[PCMag Editors' Choice for drive imaging software- ShadowProtect 4.0](#)

[Capture any size PC image in a snap. Share it just as fast. Try Snagit free today.](#)

[Brother Printers Rated #1 in Reliability. Learn More at Brother.com.](#)

[Get more from your stay, for one low rate at Residence Inn](#)

[BUY 1 GET 1 FREE! Buy an IdeaCentre A310 get an S10-3 netbook FREE! .](#)

[Home](#) > [Solutions](#) > [Encyclopedia](#) > runtime engine

ABOUT PCMAG.COM

[Contact Us](#) [Advertise](#)
[About Us](#) [Reprints & Permissions](#)
[Newsletters](#) [Site Map](#)
[RSS Feeds](#)

PC MAGAZINE DIGITAL EDITION

[Issue Index](#)
[Customer Service](#)
[Subscribe](#)



REVIEWS

[Editors' Choice](#)
[Desktops](#)
[Laptops](#)
[Cell Phones](#)
[Printers](#)
[Networking](#)
[Software](#)
[Digital Cameras](#)
[HDTV](#)
[Netbooks](#)
[Security](#)
[MP3 Players](#)
[Windows 7](#)
[Shop for Tech](#)
[Review Roundups](#)
[Inside PC Labs](#)

DOWNLOADS

[Shareware](#)
[Utilities](#)

NEWS & OPINION

[Tech News](#)
[Lance Ulanoff](#)
[John C. Dvorak](#)
[Dan Costa](#)
[Sascha Segan](#)
[Tim Bajarin](#)
[Michael J. Miller](#)

PCMAG NETWORK

[AppScout](#)
[ExtremeTech](#)
[Gearlog](#)
[GoodCleanTech](#)
[PCMag.com](#)
[Security Watch](#)
[Smart Device Central](#)
[TechSaver](#)
[PCMag Radio & After Hours](#)
[CrankyGeeks](#)
[DL.TV](#)
[PCMag Mobile](#)

TIPS

[Ask the Experts](#)
[Build It/DIY](#)
[Buying Guide](#)
[Encyclopedia](#)
[Forum](#)

PCMAG EVERYWHERE

[Twitter \(@pcmag\)](#)
[TweetMixx](#)
[Facebook](#)
[YouTube](#)
[Mixx](#)
[Google Buzz](#)

BUSINESS

[Whitepapers](#)

Use of this site is governed by our [Terms of Use](#) and [Privacy Policy](#)

Copyright © 1996-2010 Ziff Davis, Inc. All Rights Reserved. PC Magazine is a registered trademark of Ziff Davis, Inc. Reproduction in whole or in part in any form or medium without express written permission of Ziff Davis, Inc. is prohibited.



[Contact Us](#)
[Ziff Davis, Inc.](#)
[Link to Us](#)